Recreational Use Attainability Analysis

Cover Sheet

| Water Body Name: Trib to Bird Branch |
|--|
| Water Body Identification #: <u>3294</u> |
| |
| Completed UAA Checklist: |
| G Pre-Field Preparatory Data Sheet |
| G Maps with actual survey sites marked |
| G Data Sheet A |
| G Data Sheet $B-3$ of 3 pages for each site |
| o Number of Sites: |
| G Data Sheet C (if applicable) |
| o Number of Interviews: |
| G Photographs |
| o Quantities |
| Upstream |
| ■ Downstream <u></u> |
| • Other |
| |
| |
| I the undersigned hereby officer to the heat of and by the last of any last of the last of |
| I, the undersigned, hereby affirm to the best of my knowledge, that all information reported in this UAA is true and accurate. |
| is true and accurate. |
| Λ . |
| Signed: Date: 7/24/No |
| |
| |
| Organization: Tetra tech Position: Scientist |
| |

<u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

| Water Body Name: Trib to Bi (from USGS 7.5' quad) | rd Branch |
|---|---|
| 8-digit HUC: 1029 0109 | Missouri Water Body Identification (WBID) #: 3294 |
| County: Benton | |
| Upstream Legal Description: | |
| Downstream Legal Description: | |
| Discharger Facility Name(s): 130 by | Bunkhouse Suites |
| Discharger Permit Number(s): | 02/487 |
| Weather Conditions for Past 7 days: | |
| Warm | and sanny 90°F |

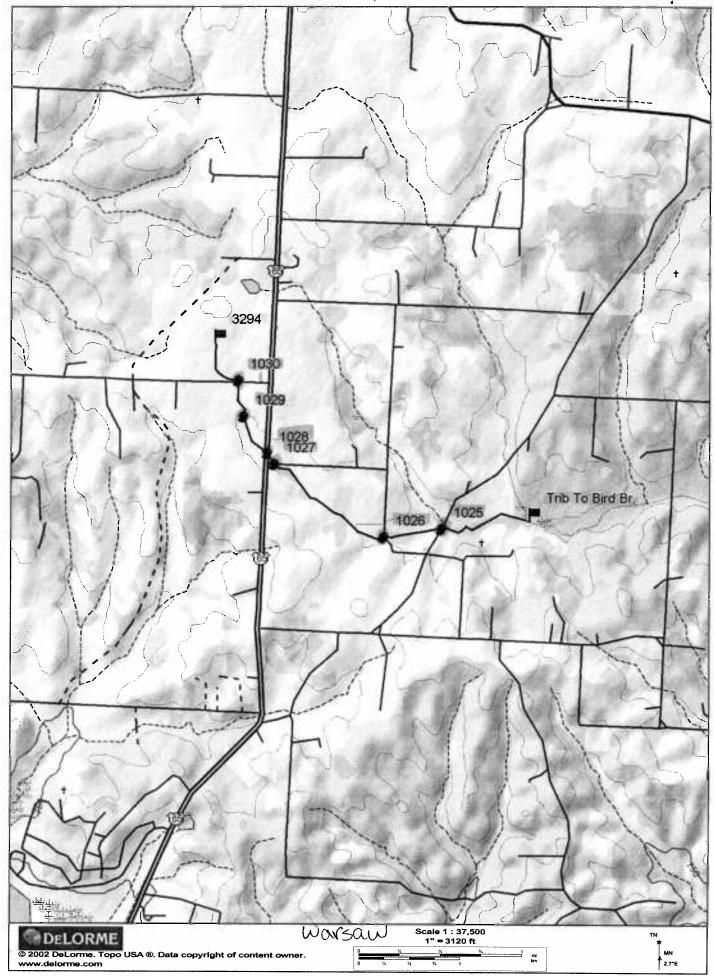
Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

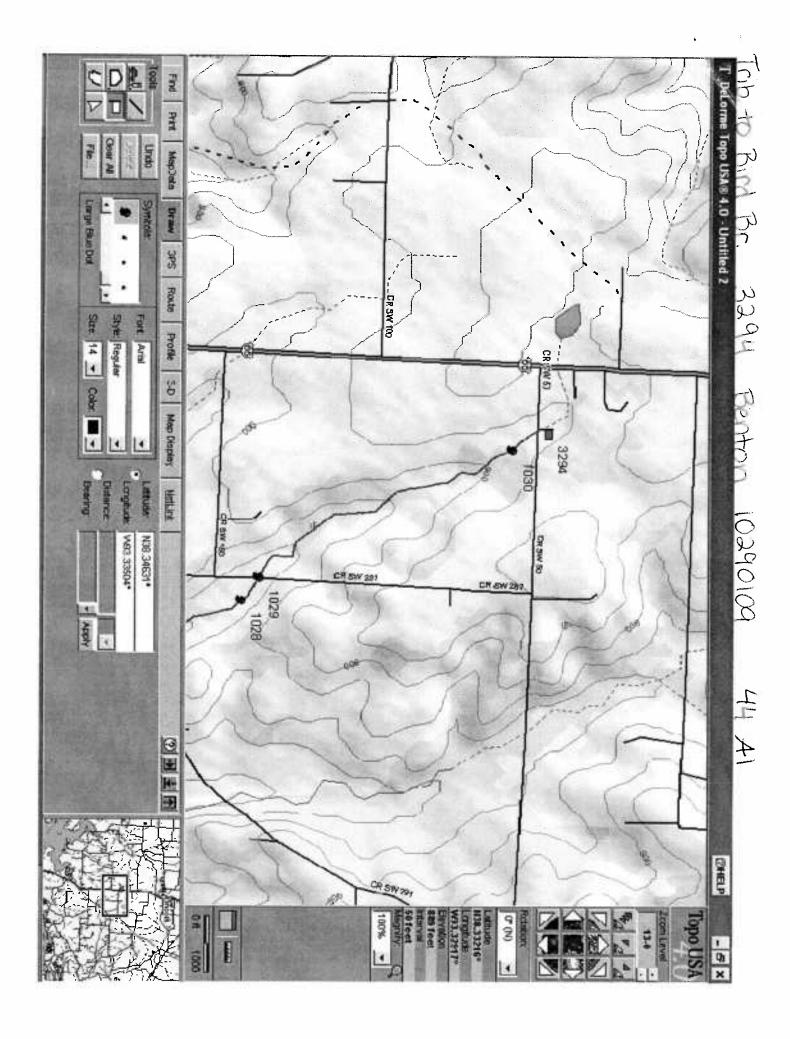
WBID#<u>3294</u>
Date: 7/24/06

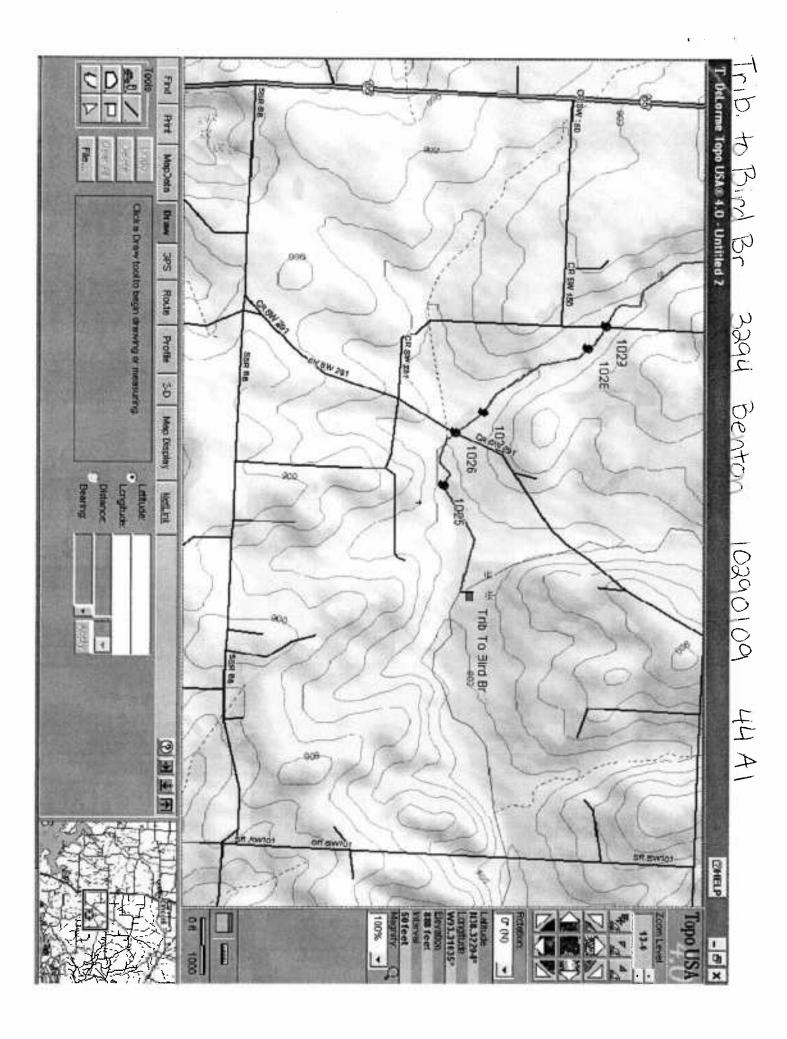
Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

| Water Body Name: Trib to Birch Branch |
|--|
| WBID#: 공 39년 |
| Upstream Coordinates: 33.34764 |
| (WGS 84, ddd.ddddd) 93. 33643 |
| Downstream Coordinates: 38.32738 (WGS 84, ddd.ddddd) 43-3201 |
| Current Weather Conditions: warm + Sanny 900F |
| Number of Sites Evaluated: |
| Name(s) of Surveyor(s): |
| SCING |







WBID # 3294 Site # 1023 OUL
Date: 7 / 24 / 06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

| Latitude (ddd.dddd): 2 | 8-33446 | | | Arrival Time: | | |
|--|----------------------|----------|-----------------------------|------------------------------|-----------------------------|--|
| Longitude (ddd.dddd): | -93.326 | 、 スス | | 1340 | | |
| Photo Ids: Upstream: | -93.326 | owns | tream: | Other: | | |
| Narrative Description o | | | access point to stream, nea | | | |
| Surrounding Condition tems of interest.) | s*: (Mark all that p | romo | te or impede recreational u | ses. Attach photos of evider | nce or unusual | |
| ☐ City/county parks | ☐ Playgrounds | | ADC conservation lands | ☐ Urban areas | ☐ Campgrounds | |
| ☐ Boating accesses | ☐ State parks | <u> </u> | National forests | ☐ Nature trails | ☐ Stairs/walkway | |
| ☐ No trespass sign | ☐ Fence | □s | teep slopes | ☐ Other: | | |
| Human Uses Observed | | | | | | |
| ☐ Swimming | ☐ Skin diving | | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing | |
| ☐ Wind surfing | ☐ Kayaking | | ☐ Boating | □ Wading | ☐ Rafting | |
| ☐ Hunting | ☐ Trapping | | | None of the above | ☐ Other: | |
| Describe. (include number | or individuals rec | | e, frequency of use, photo- | documentation of evidence | or recreational uses, etc.) | |
| Evidence of Human Use | e*: | | | | | |
| ☐ Roads | ☐ Foot paths/prints | | ☐ Dock/platform | ☐ Livestock Watering | □ RV / ATV Tracks | |
| ☐ Rope swings | ☐ Camping Sites | | ☐ Fire pit/ring | ☐ NPDES Discharge | ☐ Fishing Tackle | |
| ☐ Other: | | | | | | |
| Sources of Pollution: (e. | g., trash dumping, t | res, d | rainages, discharges, etc.) | | | |

WBID # 3394 Site # 1028

Date: 7/24/06

Data Sheet B - Site Characterization - 2 of 3

| | Distance from access point (m) | Width (m) | Length (n | n) | Avg. Depth (m) | Max Depth (m) |
|-----------------|--------------------------------|---------------------------|-------------------|-------------|----------------|--|
| ☐ Riffle | | | | | | |
| □ Run | | | | | | |
| □ Pool | | 17/ | | | | |
| □ Flow P | resent? | □ No | Velocity (ft/se | c): | | |
| Downstream | View Physical 1 | Dimensions: OC | y channo | 1 | | |
| | Distance from access point (m) | Width (m) | Length (n | 1 | Avg. Depth (m) | Max Depth (m) |
| □ Riffle | | ^ | | | | |
| □ Run | | $\Lambda / /$ | 1] | | | |
| □ Pool | | | 11 | | | 4400 |
| □ Flow P | resent? | □ No | Velocity (ft/se | c): | | |
| setrato** (The | ese values should ac | 1d to 1000/) // / | <u>'</u> 1 | | | |
| % Col | | | Sand | % Silt | % Mud/Clay | % Bedro |
| ıatic Vegetat | ion*: (Note amou | nt of vegetation or algal | growth at the ass | essment sit | e.) N/A | |
| | | | | | * | The Control of the Co |
| | ristics*: (Mark a | ll that apply.) / | 4 | | | Wat 1 |
| Odor: | ☐ Sewage | ☐ Musky ☐ | Chemical | □ None | ☐ Other: | |
| Color: | ☐ Clear | ☐ Green ☐ | Gray | ☐ Milky | ☐ Other: | |
| Bottom Deposit | : □ Sludge | □ Solids □ | Fine sediments | □ None | ☐ Other: | |
| Surface Deposit | : 🗆 Oil | □ Scum □ | Foam | □ None | ☐ Other: | |

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 3294 Site # 1028

Date: 7 / 24 / 06

Data Sheet B - Site Characterization - 3 of 3

| omments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local anditions, problems in measuring, site relocation). |
|--|
| US+DS channel wasdrag |
| |
| |

| WBID #_ | 3294 | Site # | 1028 |
|---------|------|--------|------|
| Date: | 124, | 100 | - |

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

| | (Make addition | nal copies as necess | eary for multiple interv | views) |
|-------------------------|--|--|--------------------------|--------------------|
| 1. Do you live i | | Yes 🗆 No lived here? | | |
| | rsonally used thi | | creation since 1975? | □ Yes □ No |
| ☐ Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | ☐ Rafting |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | ☐ Other: |
| 3. Have you ob | G 1 – 5 time G Less than ———— served others us | 5 times per year s per year 1 time per year – p ing this water body | lease describe: | |
| | ase check ALL t | | | |
| Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | ☐ Rafting ☐ Other: |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | Li Otner: |
| How ofte | G More than $G = 1 - 5$ time | erved it being used 5 times per year s per year 1 time per year – p | | |
| 4. Additional C | omments: | | | |
| Contact Inform Name: | ation (if willing | to provide): | | |

Address:

Telephone #:

WBID # 3394 Site # 1029

Date: 7 /24 /26

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

| Latitude (ddd.dddd): | 24 33475 | | | Arrival Tin | ne: | |
|---|---------------------------------|---|---------------------------------------|----------------------|---------|-----------------------------|
| Longitude (ddd.dddd): | Longitude (ddd.dddd): _93.30734 | | | | 35 | 0 |
| Photo Ids: Upstream: | | ownstre | eam: | Other: | | |
| | - Fene | 96 | + Grace | | | |
| <u> </u> | - CVIEC | <u> </u> | · · · · · · · · · · · · · · · · · · · | | | |
| Narrative Description | of Location: (Des | scribe ac | ccess point to stream, nea | rby roads, landmarks | , etc.) | |
| @ | mt. Pleasa | nts | oad crossi | ng | | |
| Surrounding Condition items of interest.) | | | | \cup | eviden | ce or unusual |
| ☐ City/county parks | ☐ Playgrounds | □МІ | OC conservation lands | ☐ Urban areas | | ☐ Campgrounds |
| ☐ Boating accesses | ☐ State parks | □ Na | tional forests | ☐ Nature trails | | ☐ Stairs/walkway |
| ☐ No trespass sign | Fence | □ Ste | ep slopes | ☐ Other: | | |
| Human Uses Observed | *• | | | | | 7 |
| ☐ Swimming | ☐ Skin diving | | ☐ SCUBA diving | ☐ Tubing | | ☐ Water skiing |
| ☐ Wind surfing | ☐ Kayaking | - 1 | ☐ Boating | ☐ Warding | | ☐ Rafting |
| ☐ Hunting | ☐ Trapping | L | ☐ Fishing | None of the ab | | ☐ Other: |
| Describe: (include numb | er of individuals rec | reating, | frequency of use, photo- | documentation of evi | dence (| of recreational uses, etc.) |
| Evidence of Human Us | e*: | | | | | |
| ☐ Roads | ☐ Foot paths/pri | nts | ☐ Dock/platform | Livestock Water | ring | ☐ RV / ATV Tracks |
| ☐ Rope swings | ☐ Camping Sites ☐ Fire pi | | ☐ Fire pit/ring | ☐ NPDES Discha | rge | ☐ Fishing Tackle |
| ☐ Other: | | | | | | |
| | | *************************************** | | | | |
| Sources of Pollution: (e | .g., trash dumping, t | ires, dra | inages, discharges, etc.) | | | |
| | | | | | | |

| WBID # <u>3</u> | <u> 294</u> Site# | 29 | | | | 4 |
|-------------------------|--------------------------------|-------------------------|------------------|------------------|----------------|---|
| Date:/_ | | | | | | |
| _ | • | Sheet B - Site C | haracteriza | tion – 2 of 3 | | |
| Stream Morj Upstream | phology: View Physical Dim | iensions: | | | | |
| | Distance from access point (m) | Width (m) | Lengt | th (m) | Avg. Depth (m) | Max Depth (m) |
| ☐ Riffle | | | | | | |
| □ Run | | | | | | |
| [NPopl | 8 | <i>r</i> \ | 2 | | .05 | . (|
| [] Flow | Present? | □N ₀ | Velocity (| ft/sec): W | measurable | Place) |
| Downstrea | am View Physical I | Dimensions: | | | | |
| | Distance from access point (m) | Width (m) | Lengt | h (m) | Avg. Depth (m) | Max Depth (m) |
| □ Riffle | | | | | | |
| □/Run | | | | | | |
| Pool | 5 | 18 | 8 | | .4 | . (0 |
| Flow | Present? ☐ Yes | D/Nº | Velocity (| ft/sec): NOV | negsurah | e flogs |
| ubstrato*. | (These values should ad | J 4- 1000/) | | · | | |
| | | | % Sand | % Silt | % Mud/Cla | y % Bedrock |
| <u> </u> | | | | | | , |
| quatic Vege | etation*: (Note amour | nt of vegetation or alg | al growth at the | e assessment sit | e.) | |
| | 212 P | | | | | |
| | none | | - | | | |
| Vater Chara | ncteristics*: (Mark all | I that apply.) | | | , | |
| Odor: | ☐ Sewage | | ☐ Chemical | □ None | Other: | manage |
| Color: | ☐ Clear | | ☐ Gray | ☐ Milky | | brown ish |

√⊿ Foam

Fine sediments

 \square None

□ None

☐ Other:

☐ Other:

Bottom Deposit:

Surface Deposit:

☐ Sludge

□ Oil

☐ Solids

☐ Scum

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

| 4 | ï | |
|---|---|--|
| | 1 | |
| | | |

| VBID # 3294 Site # 1039 |
|---|
| Date: 7 / 24/06 |
| Data Sheet B - Site Characterization – 3 of 3 |
| Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local onditions, problems in measuring, site relocation). |
| |

WBID # 394 Site # 1099 Date: 7/34/66

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

| 2. Have you pe | w long have you rsonally used thi | lived here?s water body for re | ecreation since 1975? | □ Yes □ No | | | |
|---|---|--------------------------------|-----------------------|----------------|--|--|--|
| If so, ple | ase check ALL t | hat apply: | | | | | |
| ☐ Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing | | | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | □ Wading | ☐ Rafting | | | |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | ☐ Other: | | | |
| | G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? □ Yes □ No | | | | | | |
| ☐ Swimming | ase check ALL t | SCUBA diving | ☐ Tubing | ☐ Water skiing | | | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | □ Wading | ☐ Rafting | | | |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | Other: | | | |
| How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe: | | | | | | | |
| 4. Additional C | | to provide): | | | | | |

Address:

Telephone #:

WBID # 3294 Site # 1030

Date: 1 / 24 / 06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

| Latitude (ddd.dddd): | Latitude (ddd.dddd): 38.34754 Arrival Time: | | | | | | | | |
|---|---|------------------------------------|-------------------------------|--|--|--|--|--|--|
| Longitude (ddd.dddd): | -93.33 | 1400 | | | | | | | |
| Photo Ids: Upstream: | D | | Other: | | | | | | |
| #88 | | *89 + fence | | | | | | | |
| Farrative Description of Location: (Describe access point to stream, nearby roads, landmarks, etc.) | | | | | | | | | |
| | | | | | | | | | |
| | , mulam | d road cross | ing | | | | | | |
| a | | | | _ | | | | | |
| Surrounding Condition tems of interest.) | IS*: (Mark all that p | promote or impede recreational | uses. Attach photos of evider | ice or unusual | | | | | |
| ☐ City/county parks | ☐ Playgrounds | ☐ MDC conservation lands | ☐ Urban areas | ☐ Campgrounds | | | | | |
| ☐ Boating accesses | ☐ State parks | ☐ National forests | ☐ Nature trails | ☐ Stairs/walkway | | | | | |
| ☐ No trespass sign | ▼ Fence | ☐ Steep slopes | ☐ Other: | ☐ Other: | | | | | |
| Human Uses Observed | *• | | | | | | | | |
| Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing | | | | | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | □ Wading | ☐ Rafting | | | | | |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☑ None of the above | ☐ Other: | | | | | |
| Describe: (include number | er of individuals rec | reating, frequency of use, photo | o-documentation of evidence | of recreational uses, etc.) | | | | | |
| | | • | | | | | | | |
| | | | | | | | | | |
| | | | | ************************************** | | | | | |
| Ev <u>idence of Human Us</u> | e*: | | | | | | | | |
| ☐ Roads | ☐ Foot paths/prin | nts | ☐ Livestock Watering | ☐ RV / ATV Tracks | | | | | |
| ☐ Rope swings | ☐ Camping Sites | ☐ Fire pit/ring | ☐ NPDES Discharge | ☐ Fishing Tackle | | | | | |
| ☐ Other: | | | | | | | | | |
| | | | | | | | | | |
| Sources of Pollution: (e. | g., trash dumping, t | ires, drainages, discharges, etc.) | | | | | | | |
| | | | | | | | | | |

WBID # <u>3294</u> Site # <u>1030</u>

Data Sheet B - Site Characterization - 2 of 3

| tream Morph Upstream Vi | iew Physical Dim Distance from | | | . 1 | | |
|--|-----------------------------------|--|-----------------------|-------------|----------------|---------------|
| | access point (m) | Width (m) | Length (n | 1) | Avg. Depth (m) | Max Depth (m) |
| ☐ Riffle | | | | | | |
| □ARun | | • | | | | |
| 1 Pool | 5 | 1.5 | 7 | | . 2 | .3 |
| Flow | Present? | No | Velocity (ft/se | c): n | ompasurak | de Flow |
| Downstream | Niew Physical I | Dimensions: | | | <u> </u> | |
| | Distance from access point (m) | Width (m) | Length (n | 1) | Avg. Depth (m) | Max Depth (m) |
| □ Riffle | | | | | | |
| □ Run | | | | | | |
| Pool | 2 | 14 | 5 | | . 2 | :3 |
| Flow | Present? | No | Velocity (ft/sec | c): NO. | measarably | o flou |
| * | _ | | | | | |
| ubstrate*: (The way of the contract of the con | nese values should ad | ······································ | % Sand 100 | % Silt | % Mud/Clay | % Bedrock |
| /0 CC | 70 \ | Jiavei | 76 Sailu UU | 70 SIII | 70 IVIUU/Ciay | 70 Dedices |
| quatic Vegeta | ition*: (Note amour | nt of vegetation or alg | gal growth at the ass | essment sit | te.) | |
| | | , | | | | |
| | some agu | ratic veg. | | | | |
| | | | | | | |
| ater Charact | eristics*: (Mark al | that apply.) | | | | |
| Odor: | ☐ Sewage | □ Musky | ☐ Chemical | 12 None | ☐ Other: | |
| Color: | ☐ Clear | □ Green | □ Gray | ☐ Milky | Other: | Drown |
| Bottom Depos | it: □ Sludge | ☐ Solids | Fine sediments | □ None | ☐ Other: | |
| Surface Depos | it: 🗆 Oil | □ Scum | □ Foam | ™ None | ☐ Other: | |

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

| WBID # 3294 Site # _ | 1030 |
|----------------------|------|
| Date: 7 / 24 /0/. | |

Data Sheet B - Site Characterization - 3 of 3

| Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation). | | | | | | |
|---|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| WBID | # <u>329</u> | 4_Site | #_/0 | <u>30</u> |
|------|--------------|--------|------|-----------|
| | _ | | | |

Date: 7/24/06

Address: Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

| 1. Do you live i | | Yes □ No lived here? | | | | | |
|--------------------------|--|-------------------------|------------------------------|--------------------|--|--|--|
| | rsonally used thi | | creation since 1975? | □ Yes □ No | | | |
| ☐ Swimming | ☐ Swimming ☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing | | | | | | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | □ Wading | ☐ Rafting | | | |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | ☐ Other: | | | |
| 3. Have you ob | How often do you use it for recreation? G More than 5 times per year G 1 - 5 times per year Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? □ Yes □ No | | | | | | |
| | ase check ALL t | | | D W | | | |
| Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing | | | |
| ☐ Wind surfing ☐ Hunting | ☐ Kayaking ☐ Trapping | ☐ Boating ☐ Fishing | ☐ Wading ☐ None of the above | ☐ Rafting ☐ Other: | | | |
| How ofte | How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year C Less than 1 time per year – please describe: | | | | | | |
| 4. Additional C | omments: | | | | | | |
| Contact Inform Name: | ation (if willing | to provide): | | | | | |

| WBID #_ | <u> 3294</u> Site#_ | 1025 |
|---------|---------------------|------|
| Date: | 124106 | |

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

| | | • | , | | |
|-------------------------|------------------------|-----------------------------------|-------------------------------|---------------------------|--|
| Latitude (ddd.dddd): | 38.32738 | | Arrival Time: | | |
| Longitude (ddd.dddd): | -93.3201 | | 1220 | | |
| Photo Ids: Upstream: | 40 7-24.06 I | Other: | | | |
| #85 | 9(| #524 90 | | | |
| | | 210 | | | |
| arrative Description | of Location: (De | scribe access point to stream, ne | earby roads, landmarks, etc.) |) | |
| | ≈ 100m s | 5 of 1026e re | ood crossing | | |
| | | promote or impede recreational | | ence or unusual | |
| ☐ City/county parks | ☐ Playgrounds | ☐ MDC conservation lands | ☐ Urban areas | ☐ Campgrounds | |
| ☐ Boating accesses | ☐ State parks | ☐ National forests | ☐ Nature trails | ☐ Stairs/walkway | |
| ☐ No trespass sign | ☐ Fence | ☐ Steep slopes | ☐ Other: | | |
| ıman Uses Observed | l*: | | | | |
| | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | ☐ Rafting | |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☑ None of the above | | |
| Describe: (include numb | er of individuals reci | reating, frequency of use, photo- | documentation of evidence | of recreational uses, etc | |
| | | | | | |
| idence of Human Us | e*: | | | | |
| ☐ Roads | ☐ Foot paths/prin | ts Dock/platform | ☐ Livestock Watering | □ RV / ATV Tracks | |
| ☐ Rope swings | ☐ Camping Sites | ☐ Fire pit/ring | ☐ NPDES Discharge | ☐ Fishing Tackle | |
| ☐ Other: | | | | 1 0 | |
| | | | | | |
| rces of Pollution: (e. | g., trash dumping, tir | es, drainages, discharges, etc.) | | | |
| | | | | | |
| | | | | | |

| ate: <u> </u> | 994 Site# 108 94 / 06 | 5 | | | 4 |
|-----------------------------|--------------------------------|---|--------------------|-----------------|---------------|
| | Data | Sheet B - Site Ch | aracterization – 2 | of 3 | |
| tream Morp Upstream | ohology: View Physical Dim | ensions: | | | |
| | Distance from access point (m) | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m) |
| □ Riffle | | | | | |
| Run | | | | | |
| Pool | = 100 B 1024 | | 5 | - 06 | . 1 |
| Flow | Present? | □ No | Velocity (ft/sec): | 10 masural | de flow |
| Downstream | m View Physical D | imensions: | Dry channel | | |
| | Distance from access point (m) | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m) |
| □ Riffle | | 1/ | 1 | | |
| | | | A | | |
| □ Run | | | | | |
| □ Run □ Pool | | | } | | |
| <u> </u> | Present? | □ No | Velocity (ft/sec): | | |
| □ Pool □ Flow | | | Velocity (ft/sec): | | |
| □ Pool □ Flow bstrate*: (1 | These values should add | up to 100%.) | | | |
| ☐ Pool ☐ Flow bstrate*: (1 | | up to 100%.) | | Silt % Mud/Clay | y 50 % Bedroc |
| ☐ Pool ☐ Flow bstrate*: (7 | These values should add | up to 100%.) ravel % S | Sand 50 % | | y 50 % Bedroc |
| □ Pool □ Flow bstrate*: (7 | These values should add | up to 100%.) ravel % S of vegetation or algal g | Sand 50 % | | y ろろ % Bedroc |

☐ Chemical

☑ Fine sediments

☐ Gray

☐ Foam

None

☐ Milky

□ None

√None

☐ Other:

☐ Other:

☐ Other:

☐ Other:

Water Characteristics*: (Mark all that apply.)

☐ Sewage

☐ Clear

 \square Sludge

☐ Oil

□ Musky

Green 🗹

☐ Solids

☐ Scum

Odor:

Color:

Bottom Deposit:

Surface Deposit:

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 3294 Site # 1025

Date: 7 124 / OCe

Data Sheet B - Site Characterization - 3 of 3

| Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation). |
|--|
| DS portion of reach was dry 30 7-24-06 |
| |

WBID# 3294 Site# 1025

Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

| 2. Have you pe | w long have you rsonally used th | lived here?is water body for re | ecreation since 1975? | □ Yes □ No | | | |
|-------------------------------------|---|---------------------------------|-----------------------|----------------|--|--|--|
| If so, please check ALL that apply: | | | | | | | |
| Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing | | | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | □ Wading | ☐ Rafting | | | |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | ☐ Other: | | | |
| 3. Have you ob: | G 1-5 time G Less than | 1 time per year – p | lease describe: | | | | |
| ☐ Swimming | ☐ Skin diving | □ SCUBA diving | ☐ Tubing | ☐ Water skiing | | | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | □ Wading | ☐ Rafting | | | |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | Other: | | | |
| | How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe: | | | | | | |
| 4. Additional Co | omments: | | | | | | |
| Contact In form | Ain (if in | | | | | | |
| Contact Informa Name: Address: | tion (if willing | to provide): | | | | | |

WBID # 3294 Site # 1026

Date: 7 / 24 / 06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

| Latitude (ddd.dddd): 33.33798 Longitude (ddd.dddd): -93.33083 | | | Arrival T | mw. | |
|--|------------------------|-----------------------|--------------------------------|--------------------------------------|--|
| , , , , , , , , , , , , , , , , , , , | | | (4 | 00 | |
| Photo Ids: Upstream: | 36 7-14-06 E | ownstream: #QZ | Other: | 00 #93 ong channel H | |
| | | | stream, nearby roads, landmar | | |
| a mat | Herfield & | t road cre | ossing | | |
| rrounding Conditions of interest.) | ns*: (Mark all that j | promote or impede rec | creational uses. Attach photos | of evidence or unusual | |
| ☐ City/county parks | ☐ Playgrounds | ☐ MDC conservati | ion lands | ☐ Campgrounds | |
| ☐ Boating accesses | ☐ State parks | ☐ National forests | ☐ Nature trails | ☐ Stairs/walkway | |
| ☐ No trespass sign | Fence | ☐ Steep slopes | ☐ Other: | ☐ Other: | |
| ıman Uses Observe | d*: | | | | |
| ☐ Swimming | ☐ Skin diving | ☐ SCUBA di | iving Tubing | ☐ Water skiing | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | ☐ Rafting | |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☑ None of the | above | |
| Describe: (include num | ber of individuals rec | reating, frequency of | , F | reaction of recreational acces, etc. | |
| Describe: (include num | | reating, frequency of | | | |
| Describe: (include num | se*: | | | | |
| Describe: (include num | se*: □ Foot paths/pri | nts 🔲 Dock/pla | atform | atering RV / ATV Tracks | |
| Describe: (include num | se*: | nts 🔲 Dock/pla | atform | atering | |

| W | BID# 3 | <u> </u> | #_10 | 26 | | | 4 |
|----|-----------------------------------|---------------------------------|----------------------------|--|--|----------------|---------------|
| Da | ate: <u> </u> | 14/06 | | | | | |
| | | | Data | Sheet B - Site Ch | aracterization – 2 | of 3 | |
| St | ream Morp Upstream \ | | cal Dim | nensions: UU | channel | | |
| | | Distance access poi | from | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m) |
| | ☐ Riffle | | | Λ/ | X | | |
| | □ Run ` | | | / / | H | | |
| | □ _p Pool | | | , | | | |
| | √Flow | Present? | □ Yes | V No | Velocity (ft/sec): | no masura | able flow |
| | Downstrea | m View Ph | ysical D | Dimensions: | | | |
| | | Distance | from | | | | |
| | | access poi | - 1 | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m) |
| | ☐ Riffle | | - 1 | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m) |
| | ☐ Riffle | | - 1 | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m) |
| | <u></u> | | nt (m) | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m) |
| | □ Run | access poi | nt (m) | Width (m) | 2 | Avg. Depth (m) | |
| Su | Run Pool Flow | access point | nt (m) | □ No | 2 | . (| |
| Su | □ Run □ Pool □ Flow □ bstrate*: (| access point | nt (m) > □ Yes should add | No No d up to 100%.) | Velocity (ft/sec): V | . (| bleflow |
| | Run Pool Flow bstrate*: (| Present? These values s Cobble | nt (m) S Yes Should add | No d up to 100%.) Gravel % | Velocity (ft/sec): V | Silt % Mud/C | bleflow |
| | Run Pool Flow bstrate*: (| Present? These values s Cobble | nt (m) S Yes Should add | No d up to 100%.) Gravel % at of vegetation or algal | Velocity (ft/sec): Velocity (ft/ | Silt % Mud/C | bleflow |
| | Run Pool Flow bstrate*: (| Present? These values s Cobble | nt (m) S Yes Should add | No d up to 100%.) Gravel % | Velocity (ft/sec): Velocity (ft/ | Silt % Mud/C | bleflow |

*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

☐ Foam

☐ Chemical

☑ Fine sediments

□,Gray

Odor:

Color:

Bottom Deposit:

Surface Deposit:

☐ Sewage

☐ Clear

☐ Sludge

□ Oil

☐ Musky

☐ Green

□ Solids

☐ Scum

None

☐ Milky

□ None

None

Other: Other:

☐ Other:

☐ Other:

10 nown

WBID # 3294 Site # 1026

Date: 7/24/06

Data Sheet B - Site Characterization - 3 of 3

| Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique conditions, problems in measuring, site relocation). | local |
|--|-------|
| upstream portion of channel | |
| was arry | |
| | |

| WBID #_ | 3294 Site#_ | 1026 |
|---------|-------------|------|
| Date: | 124/11 | |

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

| 1. Do you live i | • | Yes □ No | ary for multiple interv | views) | |
|---|---------------------------|---|-------------------------|----------------|--|
| 2. Have you per | | s water body for re | creation since 1975? | □ Yes □ No | |
| ☐ Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | ☐ Rafting | |
| ☐ Hunting ☐ Trapping | | ☐ Fishing | ☐ None of the above | ☐ Other: | |
| 3. Have you ob | G 1 – 5 times G Less than | 5 times per year s per year 1 time per year – p | lease describe: | | |
| ☐ Swimming | Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | □ Wading | ☐ Rafting | |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | ☐ Other: | |
| How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe: | | | | | |
| 4. Additional C | omments: | | | | |
| Contact Inform Name: | ation (if willing | to provide): | | | |

Address:

Telephone #:

WBID # 3294 Site # 1027

Date: 7/24/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

| Latitude (ddd dddd): | 10000000 | | Arrival Time: | |
|-------------------------------------|------------------------|----------------------------------|--|---|
| Latitude (ddd.dddd): | 58. 3 a 859 | | | • |
| Longitude (ddd.dddd): | -013-3a(7) | (45) | | |
| Photo Ids: Upstream: | Other: ` | | | |
| 1 | 6 | #94 | | |
| arrative Description | of Location: (Des | scribe access point to stream, 1 | nearby roads, landmarks, etc.) | |
| | A 15 | on us from | site 1026 | |
| urrounding Conditions of interest.) | ons*: (Mark all that p | promote or impede recreationa | l uses. Attach photos of evide | nce or unusual |
| ☐ City/county parks | ☐ Playgrounds | ☐ MDC conservation lands | ☐ Urban areas | ☐ Campgrounds |
| ☐ Boating accesses | ☐ State parks | ☐ National forests | ☐ Nature trails | ☐ Stairs/walkway |
| ☐ No trespass sign | ☐ Fence | ☐ Steep slopes | ☐ Other: | |
| uman Uses Observe | d*: | | ···· | |
| ☐ Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | ☐ Rafting |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☑ None of the above | ☐ Other: |
| Describe: (include num | ber of individuals rec | reating, frequency of use, pho | to-documentation of evidence | of recreational uses, etc. |
| | | | | |
| idence of Human U | se*: | | | - |
| ridence of Human U ☐ Roads | se*: | nts Dock/platform | ☐ Livestock Watering | □ RV / ATV Tracks |
| ſ | | | ☐ Livestock Watering ☐ NPDES Discharge | □ RV / ATV Tracks □ Fishing Tackle |
| | ☐ Foot paths/prin | | | *************************************** |

| WBID #_ | <u> </u> | 5 |
|---------|----------|---|
| Date: | 7/24/06 | |

Data Sheet B - Site Characterization - 2 of 3

| Stream Morph | ology: iew Physical Din | onsions. | la cha | | | |
|----------------|--------------------------------|---------------------------|-------------------|-------------|----------------|---------------|
| Opstream v | Distance from access point (m) | Width (m) | Length (m | nnel | Avg. Depth (m) | Max Depth (m) |
| □ Riffle | | | | | | |
| □ Run | | | | | | |
| □ Pool | | | | | | |
| ☐ Flow | Present? | □ No | Velocity (ft/sec | c): | | |
| Downstrean | 1 View Physical I | Dimensions: | | | | |
| | Distance from access point (m) | Width (m) | Length (m | n) A | Avg. Depth (m) | Max Depth (m) |
| ☐ Riffle | | | | | | |
| □∕Run | 2.24-26 | | | | | |
| Pool | ≈ 150 1 × 150 | , (9 | 1.5 | | .05 | . [|
| Flow | Present? | ☑ No | Velocity (ft/sec | c): NO | measarak | de flogs |
| Substrate*: (T | hese values should ad | d up to 100%.) | | | | |
| | | ······ | Sand | % Silt | % Mud/Clay | % Bedrock |
| | ation*: (Note amour | at of vegetation or algal | growth at the ass | essment sit | e.) | |
| Water Charac | teristics*: (Mark al | l that apply.) | | | | |
| Odor: | ☐ Sewage | | l Chemical | None | ☐ Other: | |
| Color: | ☐ Clear | ☐ Green ☐ | l Gray | ☐ Milky | √D Other: \ | Sman |
| Bottom Depos | sit: 🗆 Sludge | □ Solids □ | Fine sediments | 10 None | ☐ Other: | |
| Surface Depos | sit: 🗆 Oil | □ Scum □ | l Foam | VZ None | ☐ Other: | |

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WBID # 3394 Site # (027)
Date: 7/34/06

Data Sheet B - Site Characterization - 3 of 3

| upstream portion of channel was dre | |
|--|--|
| The same of the sa | |

WBID # 3294 Site # 1027

Date: 7 / 24 / 06

Address: Telephone #:

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

| • | n the area? Valong have you | es □ No lived here? | | , | |
|--|-------------------------------|----------------------------|----------------------|----------------|--|
| | rsonally used this | • | creation since 1975? | □ Yes □ No | |
| ☐ Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | ☐ Rafting | |
| ☐ Hunting ☐ Trapping | | ☐ Fishing | ☐ None of the above | ☐ Other: | |
| How often do you use it for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe: 3. Have you observed others using this water body for recreation since 1975? □ Yes □ No | | | | | |
| If so, plea | ase check ALL the Skin diving | nat apply: ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing | |
| ☐ Wind surfing | | ☐ Boating | ☐ Wading | ☐ Rafting | |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | ☐ Other: | |
| How often have you observed it being used for recreation? G More than 5 times per year G 1 - 5 times per year G Less than 1 time per year - please describe: | | | | | |
| | omments: | | | | |



Site# 1028 Photo ID# 84, Upstream



Site# 1029 Photo ID# 87, Upstream + fence



Site# 1028 Photo ID# 85, Downstream



Site# 1029 Photo ID# 86, Downstream + fence



Site# 1030 Photo ID# 88, Upstream



Site# 1025 Photo ID# 91, Upstream



Site# 1030 Photo ID# 89, Downstream + fence



Site# 1025 Photo ID# 90, Downstream



Site# 1026 Photo ID# 94, Upstream



Site# 1026 Photo ID# 93, Dry channel + fence



Site# 1026 Photo ID# 92, Downstream



Site# 1027 Photo ID# 95, Upstream



Site# 1027 Photo ID# 96, Downstream